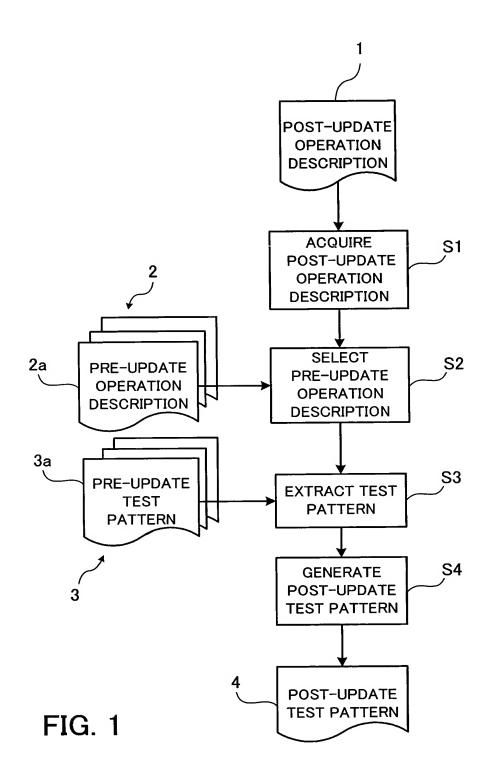
TITLE, PROGRAM AND PROCESS FOR GENERATING DATA USED IN SOFTWARE FUNCTION TEST

INVENTORS: Ryoko FUJIKAWA, et al. SERIAL NO.: UNASSIGNED

**DOCKET NO.: 1095.1286** 



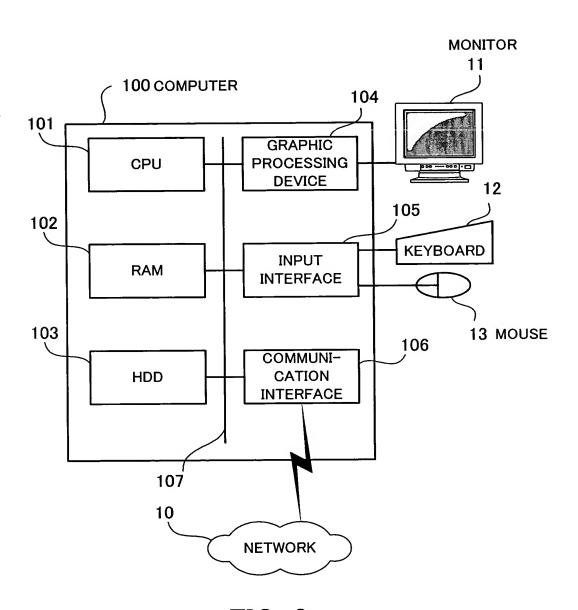


FIG. 2

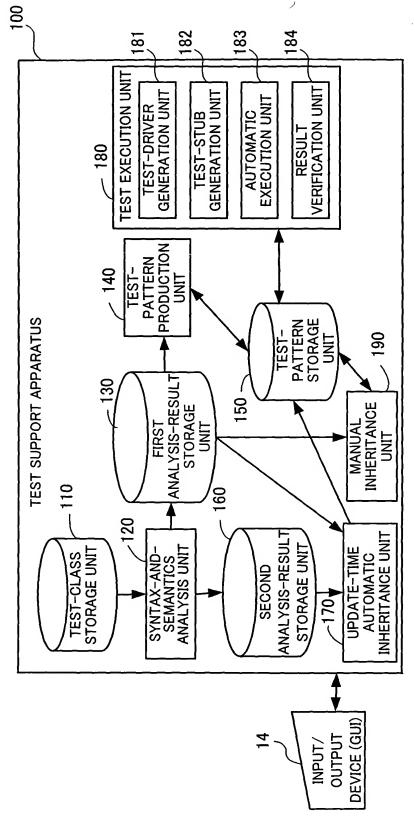
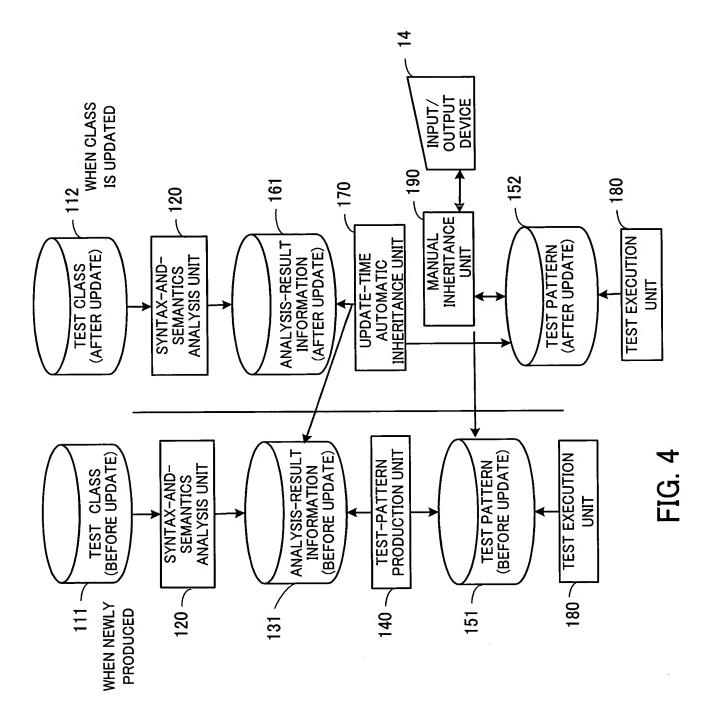
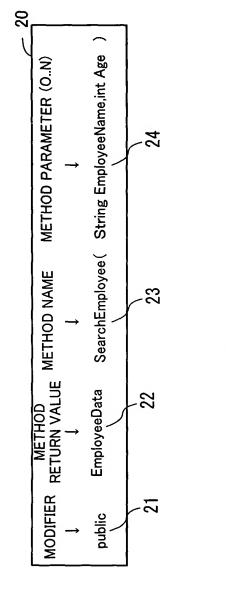
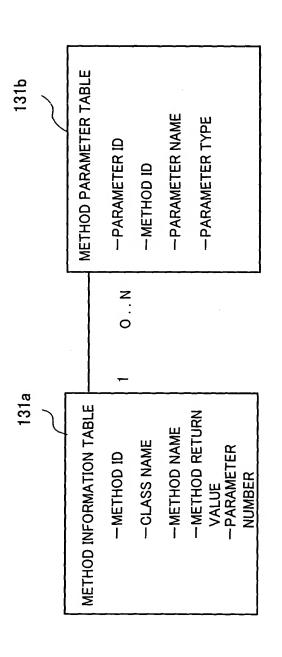


FIG. 3







TITLE: PROGRAM AND PROCESS FOR GENERATING DATA USED IN SOFTWARE FUNCTION TEST INVENTORS: Ryoko FUJIKAWA, et al.

SERIAL NO.: UNASSIGNED DOCKET NO.: 1095.1286

public class Employee extends Super TestClass[[ // METHOD 1 FUNCTION OF SEARCHING FOR EMPLOYEE BASED ON ENPLLOYEE NAME public EmployeeData searchEmployee(String EmployeeName) // METHOD 2 FUNCTION OF SEARCHING FOR EMPLOYEE BASED ON NAME AND AGE OF EMPLOYEE public EmployeeData searchEmployee(String EmployeeName,int age,int code) FUNCTION OF SEARCHING FOR EMPLOYEE BASED ON NAME, // METHOD 3 AGE, AND SECTION CODE OF EMLOYEE -111c public EmployeeData searchEmployee(String EmployeeName,int Age,int code){ // METHOD 4 FUNCTION OF SEARCHING FOR EMPLOYEE BASED ON NAME AND SECTION CODE OF EMPLOYEE public EmployeeData searchEmployee(String EmployeeName,int code){ FUNCTION OF UPDATING INFORMATION ON EMPLOYEE // METHOD 5 -111e BASED ON EMPLOYEE CODE public boolean updateEmployee(String EmployeeName,int age,int code) FUNCTION OF DELETING INFORMATION ON EMPLOYEE // METHOD 6 **BASED ON EMPLOYEE CODE** public int deleteEmployee(int EmployeeNo){ 111f

111

FIG. 7

CLAS	METHOD ID CLASS NAME	METHOD NAME	RETURN VALUE NUMBER	PARAMETER NUMBER
Employee	oyee	searchEmployee	EmployeeData	1
Empl	Employee	searchEmployee	EmployeeData	2
Empl	Employee	searchEmployee	EmployeeData	3
Empl	Employee	searchEmployee	EmployeeData	2
Empl	Employee	updateEmployee	boolean	က
Employee	oyee	deleteEmployee	int	_

PARAMETER ID	MEHOD ID	PARAMETER NAME	PARAMETER NAME   PARAMETER TYPE
1	1	EmployeeName	String
2	2	EmployeeName	String
3	2	age	int
4	3	EmployeeName	String
5	3	аде	int
9	3	epoo	int
7	4	EmployeeName	String
8	4	epoo	int
6	5	EmployeeName	String
10	5	аде	int
11	5	<b>еро</b> э	int
12	9	EmployeeNo	int

GENERATING DATA USED IN
SOFTWARE FUNCTION TEST
INVENTORS: Ryoko FUJIKAWA, et al.
SERIAL NO.: UNASSIGNED
DOCKET NO.: 1095.1286

No	METHOD NAME	NAME PARAMETER	NORWAL/ ABNORWAL	RETURN VALUE	RETURN VALUE VIEWPOINT IN TEST
M1	searchEmployee	EmployeeName		Employee Data	
M1-1	searchEmployee	ployee "F-TSU, TARO" NORMAL		SEARCH RESULT	SEARCH RESULT TEST OF NORMAL SYSTEM
M1-2	M1-2 searchEmployee	439	ABNORMAL Null	Null	ABNORMAL SYSTEM IN WHICH NAME IS BLANK
M1-3	M1-3 searchEmployee Null	Null	ABNORMAL Null	Null	ABNORMAL SYSTEM IN WHICH NAME IS NULL

2	METHOD NAME	PARAMETER		NORMAL/	RETURN VALUE	VIEWPOINT OF TEST
M2	searchEmployee	EmployeeName	Age	ABNORMAL	Employee Data	
M2-1	searchEmployee	"F-TSU, TARO"	29	NORMAL	SEARCH RESULT	TEST OF NORMAL SYSTEM
M2-2	searchEmployee	4.33	29	ABNORMAL	Null	ABNORMAL SYSTEM IN WHICH NAME IS BLANK
M2-3	searchEmployee	Null	29	ABNORMAL	Null	ABNORMAL SYSTEM IN WHICH NAME IS NULL
M2-4	searchEmployee	"F-TSU, HANAKO"	0	ABNORMAL	Null	ABNORMAL SYSTEM IN WHICH AGE IS 0
M2-5	searchEmployee	F-TSU, HANAKO	10	ABNORMAL	Null	OUT OF RANGE OF EMPLOYEES' AGES
M2-6	searchEmployee	"F-TSU, HANAKO"	65	ABNORMAL	Null	OUT OF RANGE OF EMPLOYEES' AGES
M2-7	searchEmployee	"F-TSU, HANAKO" Null	Null	ABNORMAL	Null	AGE IS NULL

<sup>8</sup>	METHOD NAME	PARAMETER			NORMAL/ ABNORMAL	RETURN	VIEPOINT IN TEST
M3	searchEmployee	EmployeeName	Age	code			
M3-1	searchEmployee	"F-TSU TARO"	29	12345	NORMAL	SEARCH RESULT	TEST OF NORMAL SYSTEM
M3-2	searchEmployee	43	29	12345	ABNORMAL	InN	ABNORMA SYSTEM IN WHICH NAME IS BLANK
M3-3	searchEmployee	Null	29	12345	ABNORMAL	Nall	ABNORMAL SYSTEM IN WHICH NAME I S NULL
M3-4	searchEmployee		0	12345	ABNORMAL	Nall	ABNORMAL SYSTEM IN WHICH AGE IS 0
9-5M	searchEmployee	"F-TSU, HANAKO"	10	12345	ABNORMAL	Null	OUT OF RANGE OF EMPLOYEES' AGES
M3-6	searchEmployee	"F-TSU, HANAKO"	65	12345	ABNORMAL	Nuíl	OUT OF RANGE OF EMPLOYEES' AGE
M3-7	earchEmployee	"F-TSU, HANAKO"	Null	12345	ABNORMAL	Nail	AGE IS NULL
M3-8	earchEmployee	"F-TSU, HANAKO"	29	0	ABNORMAL	Nall	EMPLOYEE CODE IS 0
M3-9	searchEmployee	"F-TSU, HANAKO"	29	Null	ABNORMAL	Null	EMPLOYEE CODE IS NULL
M3-10	searchEmployee	Null	Nall	Null	ABNORMAL	Null	NAME AND AGE ARE NULL

°N	METHOD NAME	PARAMETER		NORMAL/ RETURI ABNORMAL VALUE	RETURN	VIEWPOINT IN TEST
M4-1	searchEmployee	EmployeeName	epoo			
M4-1	searchEmployee	"F-TSU, TARO"	12345	12345 NORMAL	SEARCH RESULT	TEST OF NORMAL SYSTEM
M4-2	searchEmployee	ип	12345	ABNORMAL	IInN	ABNORMAL SYSTEM IN WHICH NAME IS BLANK
M4-3	searchEmployee	Null	12345	12345 ABNORMAL	Null	ABNORMAL SYSTEM IN WHICH NAME IS NULL
M4-4	searchEmployee	searchEmployee "F-TSU, HANAKO"	0	ABNORMAL	IInN	SECTION CODE IS 0
M4-5	searchEmployee	"F-TSU, HANAKO"	Neil	ABNORMAL	IInN	SECTION CODE IS NULL
M4-6	searchEmployee	Null	Null	ABNORMAL	Nall	NAME AND AGE ARE

151e

updateEmployeeEmployeeNameAgecodeupdateEmployee"	No	METHOD NAME	PARAMETER			NORMAL/ ABNORMAL	RETURN VALUE	VIEWPOINT IN TEST
updateEmployee"F-TSU, TARO"2912345NORMALupdateEmployee"F-TSU, HANAKO"2912345ABNORMALupdateEmployee"F-TSU, HANAKO"012345ABNORMALupdateEmployee"F-TSU, HANAKO"6512345ABNORMALupdateEmployee"F-TSU, HANAKO"6512345ABNORMALupdateEmployee"F-TSU, HANAKO"290ABNORMALupdateEmployee"F-TSU, HANAKO"29NullABNORMALupdateEmployee"F-TSU, HANAKO"29NullABNORMALupdateEmployee"F-TSU, HANAKO"29NullABNORMALupdateEmployee"F-TSU, HANAKO"29NullABNORMAL	M2	updateEmployee		Age	code			
updateEmployee""2912345ABNORMALupdateEmployee"F-TSU, HANAKO"012345ABNORMALupdateEmployee"F-TSU, HANAKO"6512345ABNORMALupdateEmployee"F-TSU, HANAKO"6512345ABNORMALupdateEmployee"F-TSU, HANAKO"290ABNORMALupdateEmployee"F-TSU, HANAKO"290ABNORMALupdateEmployee"F-TSU, HANAKO"29NullABNORMALupdateEmployee"F-TSU, HANAKO"29NullABNORMALupdateEmployee"F-TSU, HANAKO"29NullABNORMAL	<b>√15−1</b>	updateEmployee	"F-TSU, TARO"	29	12345	NORMAL	SEARCH RESULT	TEST OF NORMAL SYSTEM
updateEmployee "F-TSU, HANAKO" 0 12345 ABNORMAL updateEmployee "F-TSU, HANAKO" 10 12345 ABNORMAL updateEmployee "F-TSU, HANAKO" 65 12345 ABNORMAL updateEmployee "F-TSU, HANAKO" 29 0 ABNORMAL updateEmployee "F-TSU, HANAKO" 29 Null ABNORMAL updateEmployee "F-TSU, HANAKO" 29 Null ABNORMAL updateEmployee "F-TSU, HANAKO" 29 Null ABNORMAL ABNORMAL updateEmployee "F-TSU, HANAKO" 29 Null ABNORMAL	M5-2	updateEmployee	627	29	12345	ABNORMAL	Null	ABNORMAL SYSTEM IN WHICH NAME IS BLANK
updateEmployee "F-TSU, HANAKO" 10 12345 ABNORMAL updateEmployee "F-TSU, HANAKO" 65 12345 ABNORMAL updateEmployee "F-TSU, HANAKO" 85 12345 ABNORMAL updateEmployee "F-TSU, HANAKO" 29 0 ABNORMAL updateEmployee "F-TSU, HANAKO" 29 Null ABNORMAL updateEmployee "F-TSU, HANAKO" 29 Null ABNORMAL ABNORMAL updateEmployee "F-TSU, HANAKO" 29 Null ABNORMAL ABNORMAL	M5-3	updateEmployee	Null	29	12345	ABNORMAL	Null	ABNORMAL SYSTEM IN WHICH NAME IS NULL
updateEmployee "F-TSU, HANAKO" 10 12345 ABNORMAL updateEmployee "F-TSU, HANAKO" 65 12345 ABNORMAL updateEmployee "F-TSU, HANAKO" 29 0 ABNORMAL updateEmployee "F-TSU, HANAKO" 29 Null ABNORMAL updateEmployee "F-TSU, HANAKO" 29 Null ABNORMAL Null Null ABNORMAL	M5-4	updateEmployee			12345	ABNORMAL	Null	ABNORMAL SYSTEM IN WHICH AGE IS 0
updateEmployee "F-TSU, HANAKO" 65 12345 ABNORMAL updateEmployee "F-TSU, HANAKO" 29 0 ABNORMAL updateEmployee "F-TSU, HANAKO" 29 Null ABNORMAL updateEmployee "F-TSU, HANAKO" 29 Null ABNORMAL updateEmployee Null Null Null ABNORMAL	M5-5	updateEmployee		10	12345	ABNORMAL	Null	OUT OF RANGE OF EMPLOYEES' AGES
updateEmployee"F-TSU, HANAKO"Null12345ABNORMALupdateEmployee"F-TSU, HANAKO"290ABNORMALupdateEmployee"F-TSU, HANAKO"29NullABNORMALupdateEmployee"F-TSU, HANAKO"NullABNORMAL	M5-6	updateEmployee		65	12345	ABNORMAL	IInN	OUT OF RANGE OF EMPLOYEES' AGES
updateEmployee "F-TSU, HANAKO" 29 0 ABNORMAL updateEmployee "F-TSU, HANAKO" 29 Null ABNORMAL Null Null ABNORMAL	M5-7	updateEmployee	"F-TSU, HANAKO"	Null	12345	ABNORMAL	Null	AGE IS NULL
updateEmployee "F-TSU, HANAKO" 29 Nuli ABNORMAL updateEmployee Nuli Nuli ABNORMAL	M5-8	updateEmployee	"F-TSU, HANAKO"	29	0	ABNORMAL	Null	EMPLOYEE CODE IS 0
Null Null ABNORMAL	M5-9	updateEmployee	"F-TSU, HANAKO"	29	Null	ABNORMAL	Nall	EMPLOYEE CODE IS NULL
	M5-10	<del>-</del>		N N	Null	ABNORMAL	Null	EMPLOYEE CODE, NAME, AND AGE ARE NULL

<u>8</u>	METHOD OF NAME	OF PARAMETER	NORMAL/ ABNORMAL	RETURN VALUE	RETURN VIEWPOINT IN TEST
9W	deleteEmployee	epoo		Boolean	
M6-1	deleteEmployee 12345	12345	NORMAL	True	TEST OF NORMAL SYSTEM
M6-2	M6-2 deleteEmployee	0	ABNORMAL False	False	ABNORMAL SYSTEM IN WHICH EMPLOYEE CODE IS 0
M6-3	M6-3 deleteEmployee Null	Null	ABNORMAL False	False	ABNORMAL SYSTEM IN WHICH EMPLOYEE CODE IS NULL
M6-4	M6-4 deleteEmployee 11111	11111	ABNORMAL False	False	ABNORMAL SYSTEM IN WHICH EMPLOYEE CODE IS NOT APPLICABLE

112

```
public class Employee extends SuperTestClass[[
 // 1ST METHOD FUNCTION OF SEARCHING FOR EMPLOYEE BASED ON EMPLOYEE NAME
                                                          -112a
 private EmployeeData searchEmployee(String EmployeeName)
 // 2ND METHOD FUNCTION OF SEARCHING FOR EMPLOYEE BASED ON NAME AND AGE OF
 public EmployeeData[] searchEmployee(String EmployeeName,int age,){
 // 3RD METHOD FUNCTION OF SEARCHING FOR EMPLOYEE BASED ON NAME, AGE,
 AND SECTION CODE OF EMPLOYEE
 public EmployeeData searchEmployee(String EmployeeName,long Age,int
 section, Boolean retire){
 // 4TH METHOD FUNCTION OF SEARCHING FOR EMPLOYEE BASED ON NAME AND
 SECTION CODE OF EMPLOYEE
 public EmployeeData[] searchEmployee(String EmployeeName,int'section){
 // 5TH METHOD FUNCTION OF UPDATING INFORMATION ON EMPLOYEE BASED ON
                                                              -112e
 EMPLOYEE CODE
 public boolean updateEmployeebyNo(String EmployeeName,int age,int code){
 // 6TH METHOD FUNCTION OF DELETING INFORMATION ON EMPLOYEE BASED ON
 public int deleteEmployeebyNo (int EmployeeNo,StringEmployeeName){
```

FIG. 16

METHOD	CI ACC MAME	BAYN GODESM	RETURN VALUE   PARAMETER	PARAMETER
Ω	ULASS INAINE	ווייאון חטם ואווי	TYPE	NUMBER
1	Employee	searchEmployee	EmployeeData	1
2	Employee	searchEmployee	EmployeeData[]	2
3	Employee	searchEmployee	EmployeeData	4
4	Employee	searchEmployee	EmployeeData[ ]	2
5	Employee	updateEmployeebyNo	Boolean	3
9	Employee	deleteEmployeebyNo	int	1

	PARAMETER ID   METHOD ID	METHOD ID	PARAMETER NAME	PARAMETER TYPE
2       Age         3       EmployeeName         3       Age         3       Section         4       EmployeeName         1       5         2       Code         3       Code         4       Age         2       5         2       Code         3       EmployeeName         4       EmployeeName	1	1	EmployeeName	String
2         Age           3         Age           3         Age           3         Section           4         EmployeeName           1         5         EmployeeName           2         5         Code           3         6         EmployeeName           4         EmployeeName         4	2	2	EmployeeName	String
3       Age         3       Section         3       Retire         4       EmployeeName         1       5       EmployeeName         2       5       Code         3       6       EmployeeName         4       EmployeeName         3       6       EmployeeName         4       6       EmployeeName	3	2	Age	int
3       Age         3       Section         4       EmployeeName         0       5       EmployeeName         1       5       Age         2       5       Code         3       6       EmployeeNo         4       EmployeeName	4	3	EmployeeName	String
3       Section         3       Retire         4       EmployeeName         0       5       EmployeeName         1       5       Age         2       5       Code         3       6       EmployeeNo         4       6       EmployeeName	5	3	Age	Long
3       Retire         4       EmployeeName         5       EmployeeName         5       Code         6       EmployeeName	9	3	Section	int
4         EmployeeName           4         Section           5         EmployeeName           5         Age           5         Code           6         EmployeeNo           6         EmployeeName	7	3	Retire	Boolean
4       Section         5       EmployeeName         5       Age         5       Code         6       EmployeeNo         6       EmployeeName	8	4	EmployeeName	String
5       EmployeeName         5       Age         5       Code         6       EmployeeNo         6       EmployeeName	6	4	Section	int
5 Age 5 Code 6 EmployeeNo 6 EmployeeName	10	2	EmployeeName	String
5 Code 6 EmployeeNo 6 EmployeeName	11	2	Age	int
6 EmployeeNo	12	2	Code	int
	13	9	EmployeeNo	int
	14	9	EmployeeName	String

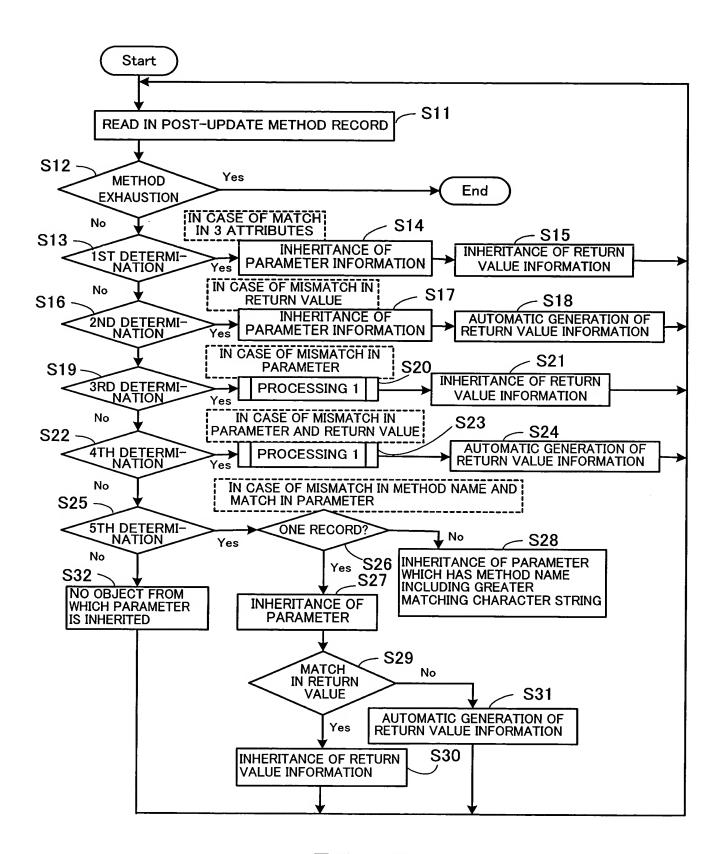
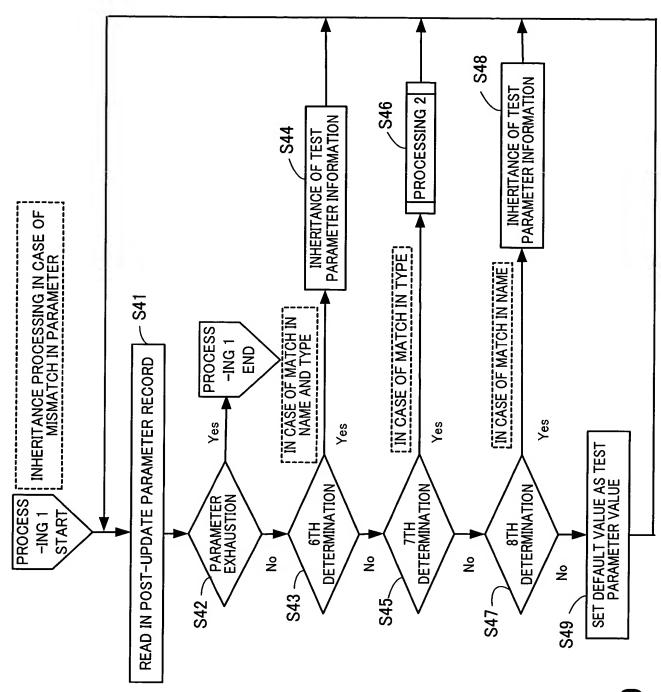
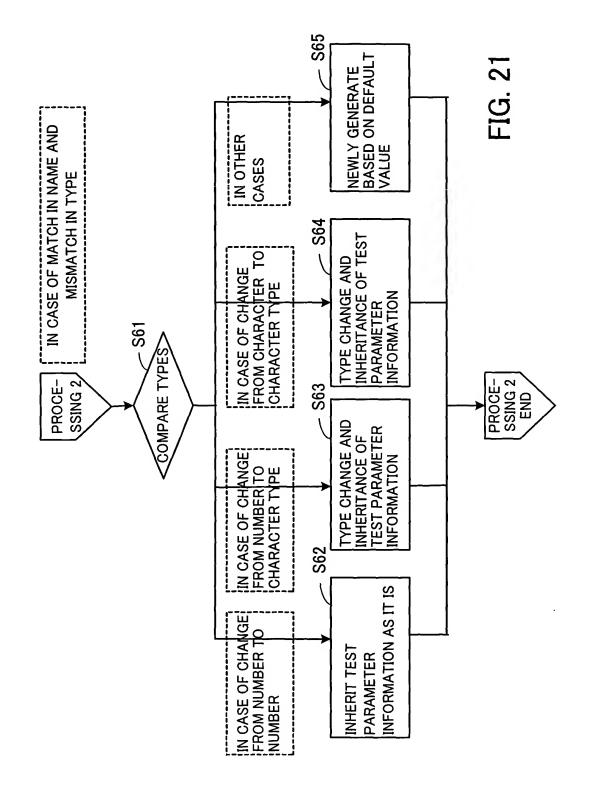


FIG. 19

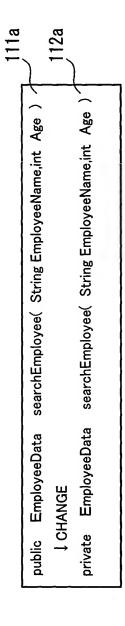
GENERATING DATA USED IN
SOFTWARE FUNCTION TEST
INVENTORS: Ryoko FUJIKAWA, et al.
SERIAL NO.: UNASSIGNED
DOCKET NO.: 1095.1286





	METHOD NAME	PAKAMEIEK	REIURN VALUE
1ST DETERMINATION O	0	0	0
2ND DETERMINATION O	0	0	×
3RD DETERMINATION O	0	×	0
4TH DETERMINATION O	0	×	×
	×	0	0
5TH DETERMINATION	×	0	×

NAME OF EXAMPLE	DETERMINATION	INHERITED TEST CASE	UNINHERITED TEST CASE
1ST METHOD	1ST DETERMINATION: COMPLETE MATCH IN THREE ATTRIBUTES	M1-1~M1-3	NONE
2ND METHOD	2ND DETERMINATION: MISMATCH IN RETURN VALUE	M2-1∼M2-7	NONE
3RD METHOD	3RD DETERMINATION: MISMATCH IN PARAMETER	M3-1∼M3-10	NONE
4тн метнор	4TH DETERMINATION: MISMATCH IN PARAMETER AND RETURN VALUE	M4−1 ~ M4−6	NONE
<b>FIFTH МЕТНО</b> D	5TH DETERMINATION: MISMATCH IN PARAMETER NAME	M5−1∼M5−10	NONE
6ТН МЕТНОБ	UNINHERITABLE BASE ON THE DETERMINATIONS	NONE	M6−1∼M6−4



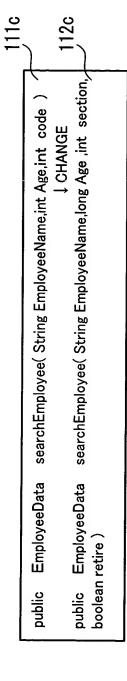
			The same of the sa	
	METHOD NAME	PARAMETER	RETURN VALUE	OTHERS
	searchEmoployee	String EmployeeName,	EmployeeData	public
CHANGE		int Age		
	searchEmoployee	String EmployeeName,	EmployeeData	private
CHANGE		int Age		

EmployeeData[] searchEmployee( String EmployeeName,int Age Y EmployeeData searchEmployee( String EmployeeName,int Age ) **↓ CHANGE** public public

FIG. 26

	METHOD NAME	PARAMETER	RETURN VALUE	OTHERS
BEFORE CHANGE	searchEmoployee	String EmployeeName, int Age	EmployeeData	Public
AFTER CHANGE	searchEmoployee	String EmployeeName, int Age	EmployeeData[]	public

					SET DEFAULT VALUE (NULL)	VALUE (NULL) 152b
Š	METHOD NAME	PARAMETER		NORMAL/ ABNORMAL	RETURN VALUE	VIEWPOINT IN TEST
	searchEmployee	EmployeeName	Age		Employee Data[ ]	
M2-1	searchEmployee	"F-TSU, TARO"	29	NORMAL	SEARCH RESULT	TEST OF NORMAL SYSTEM
M2-2	searchEmployee	an	29	ABNORMAL	Nail	ABNORMAL SYSTEM IN WHICH NAME IS BLANK
M2-3	searchEmployee	Nuil	29	ABNORMAL	Null	ABNORMAL SYSTEM IN WHICH NAME IS NULL
M2-4	searchEmployee	"F-TSU, HANAKO"	0	ABNORMAL	Null	ABNORMAL SYSTEM IN WHICH AGE IS 0
M2-5	searchEmployee	"F-TSU, HANAKO"	10	ABNORMAL	Null	OUT OF RANGE OF EMPLOYEES' AGES
M2-6	searchEmployee	"F-TSU, HANAKO"	65	ABNORMAL	Null	OUT OF RANGE OF EMPLOYEES' AGES
M2-7	searchEmployee	"F-TSU, HANAKO"	Null	ABNORMAL	Null	AGE IS NULL

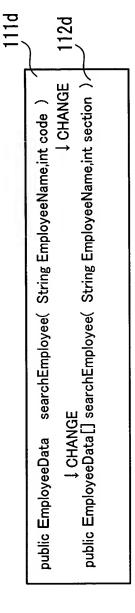


	METHOD NAME	PARAMETER	RETURN VALUE	OTHERS
BEFORE CHANGE	searchEmoployee	String EmployeeName, int Age,	EmployeeData	Public
		INIC COde		
AFTER	searchEmoployee		EmployeeData	Public
CHANGE		long Age,int section,		
O INIVAL		boolean retire		

52c

METHC	METHOD PARAMETER				ABNORMAL/ NORMAL	RETURN VALUE	VIEWPOINT IN TEST
Employe (String)	EmployeeName (String)	Age (int)	Code(int)	NONE			
①MAT	<b>Оматсн ім вотн</b>	©MACHI IN NAME	©MATCH IN TYPE	(4)MISMATCH GENERATION OF DEFAULT)			
Employe (String)	EmployeeName (String)	Age (long)	Section (int)	Retire (Boolean)			
"F-TS	"F-TSU, TARO"	29	12345	true	NORMAL	SEARCH RESULT	TEST OF NORMAL SYSTEM
4.77		29	12345		ABNORMAL	Null	ABNORMAL SYSTEM IN WHICH NAME IS BLANK
N I		29	12345		ABNORMAL	II5N	ABNORMAL SYSTEM IN WHICH NAME IS NULL
"F-TS	"F-TSU, HANAKO"	0	12345		ABNORMAL	Null	ABNORAL SYSTEM IN WHICH AGE IS 0
"F-TS	"F-TSU, HANAKO"	10	12345		ABNORMAL	In	OUT OF RANGE OF EMPLOYEES' AGES
"F-TS	"F-TSU, HANAKO"	65	12345		ABNORMAL	Null	OUT OF RANGE OF EMPLOYEES' AGES
"F-TS	"F-TSU, HANAKO"	N <sub>ul</sub> l	12345		ABNORMAL	Null	AGE IS NULL
"F-TS	"F-TSU, HANAKO"	29	0		ABNORMAL	Nall	SECTION CODE IS 0
"F-TS	"F-TSU, HANAKO"	29	Null		ABNORMAL	Nall	SECTION CODE IS NULL
Null		Nullo		!	ABNORMAL	Nall	NAME AND AGE ARE NULL

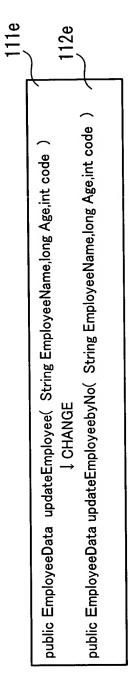
FIG. 31



	METHOD NAME	PARAMETER	RETURN VALUE	OTHERS
BEFORE	searchEmoployee	String EmployeeName,	EmployeeData	Public
CHANGE		int code		
AFTER	searchEmoployee	String EmployeeName,	EmployeeData[]	Public
CHANGE		int section		

SERIAL	NO.: U	JNASS	SIGNE
DOCKE.	T NO.:	1095.	1286

NO.			NORMAL /	RETURN VALUE	HOUT HAT COME
2	METHOD PARAMETER	œ	Ĺ		VIEWPOINT IN TEST
BEFORE	EmployeeName			EmployeeData	
CHANGE	(String)				
DETERMI- NATION	①MATCH IN BOTH	(3)MATCH IN TYPE			
AFTER	EmployeeName	Section		EmployeeData [ ]	
CHANGE	(String)	(int)			
M4-1	"F-TSU, TARO"	12345	NORMAL	Null	TEST OF NORMAL SYSTEM
M4-2	677	12345	ABNORMAL	Null	ABNORMAL SYSTEM IN WHICH NAME IS BLANK
M4-3	Null	12345	ABNORMAL	Null	ABNORMAL SYSTEM IN WHICH NAME IS NULL
M4-4	"F-TSU, HANAKO"	0	ABNORMAL	Null	SECTION CODE IS 0
M4-9	"F-TSU, HANAKO"	Nall	ABNORMAL	Nall	SECTION CODE IS NULL
M4-6	Null	Null	ABNORMAL	Null	NAME AND AGE ARE NULL



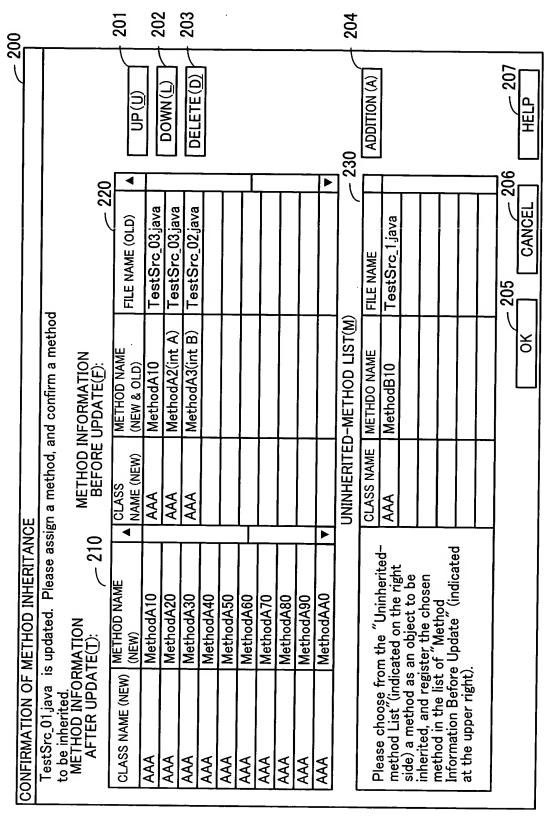
	METHOD NAME	PARAMETER	RETURN VALUE OTHERS	OTHERS
BEFORE	updateEmoployee	String EmployeeName, EmployeeData		Public
CHANGE		long Age,		
		int code		
AFTER	lundateFmoloveehvNo	String EmployeeName,   EmployeeData		Public
CHANGE		long Age,		
		int code		

					, , , , , ,		
2	METHOD NAME	PARAMETER			NORMAL/ ABNORMAL	KE I UKIN VALUE	VIEWPOINT IN TEST
	updateEmploye	EmployeeName	Age	əpoo			
	ebyNo						
M5-1	updateEmploye	"F-TSU, TARO"	29	12345	IVADON	SEARCH	TEST OF NORMAL SYSTEM
	ebyNo				NONWAL	RESULT	I EST OF NOTWINE STOLEM
M5-2	updateEmploye	6.73	29	12345	ABNIODMAN	Null	ABNORMAL SYSTEM IN
	ebyNo				ADIVORIVIAL		WHICH NAME IS BLANK
M5-3	updateEmploye	Null	29	12345	ABNODNAL	IlnN	ABNORMAL SYSTEM IN
	ebyNo				ADINOINIMAE		WHICH NAME IS NULL
M5-4	updateEmploye ebyNo	"F-TSU, HANAKO"	0	12345	ABNORMAL	IInN	ABNORMAL SYSTEM IN WHICH AGE IS 0
M55	updateEmploye ebyNo	"F-TSU, HANAKO"	10	12345	ABNORMAL	InN	OUT OF RANGE OF EMPLOYEES' AGES
M5-6	updateEmploye ebyNo	"F-TSU, HANAKO"	65	12345	ABNORMAL	Null	OUT OF RANE OF EMPLOYEES' AGES
M5-7	updateEmploye	"E-TOIL HANAKO"	Null	12345	ABNIOPMAI	Null	AGE 18 NI II I
	ebyNo	טיואיואיו יסט, ו			ADIVOLVINAL		AGE 13 NOCE
M5-8	updateEmploye	"E-TSII HANAKO"	29	0	ABNODNAL	IInN	EMPI OVEE CODE IS 0
	ebyNo	טייאאוארו ,טפּיו די			ADIVOLNIMAL		CINIT EO LEE CODE 13 O
M5-9	updateEmploye	"E-TOIL HANDKO"	59	IInN	ABNORMAL	IInN	EMPLOYEE CODE IS NIII I
	ebyNo	טויטויטוי ו			ADIVOLVINAL		
M5-10	updateEmploye	InN	IInN	Null	ABNORMAL	IlnN	EMPLOYEE CODE, NAME,
	ebyNo				ADIAOI NIMAE		AND AGE ARE NULL

TITLE: PROGRAM AND PROCESS FOR GENERATING DATA USED IN SOFTWARE FUNCTION TEST

INVENTORS: Ryoko FUJIKAWA, et al. SERIAL NO.: UNASSIGNED

**DOCKET NO.: 1095.1286** 



טלקט שאווייטק זטלט וטקו	11 JM 1007	1::ME I HOD I (PureJava		APPLICATION):1	1.(Ni		×
			1				7310
			F	TEST CASE			
TEST CASE NUMBER	DETAILES OF TEST	NORMAL/ ABNORMAL	7 18	EDUCATION METHOD	TYPE OF FACTOR ON WHICH ATTENTION IS FOCUSED	METHOD PARAMETER NAME	VARIABLE
∃- Method1							
Wethod1_001	DETAILES OF TEST	NORMAL	<b>•</b>	OF TEST	param1	•	
✓ Method1_002	DETAILES OF TEST	NORMAL	F		param3	•	
Method1_003	DETAILES OF TEST	NORMAL	•		param2	•	
•				_			
			10				
							•
							320
PARAMETER DATA DATA DATA	<u> </u>						
PARAMETER		ATTRIBUTE	5		VALUE		
) param1		int			10		
) param2		MyClass	SS				
⊣F field1		int[ ]			_		
-F bbb		ArrayList	ist		_		
HF tblField		hashmap	Jap		_		
naram3		boolean	۳		false		